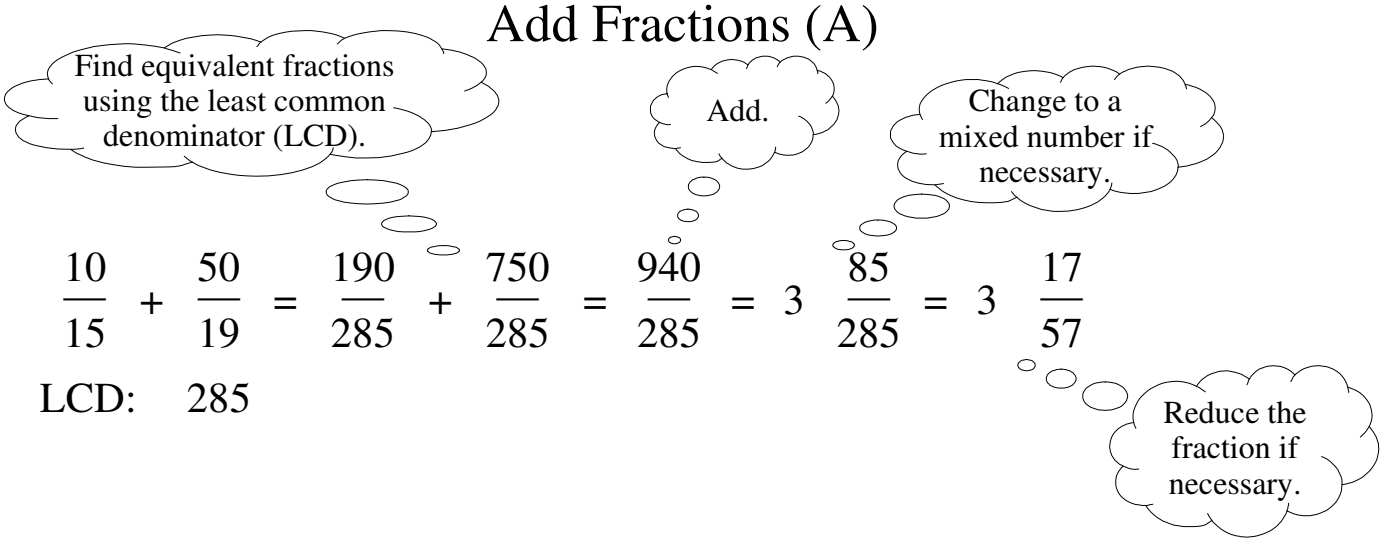
Add Fractions (A)



$\frac{10}{15} + \frac{50}{19} = \frac{190}{285} + \frac{750}{285} = \frac{940}{285} = 3\frac{85}{285} = 3\frac{17}{57}$

LCD: 285

$\frac{44}{20} + \frac{3}{9} =$

$\frac{9}{17} + \frac{8}{6} =$

$\frac{16}{19} + \frac{26}{3} =$

$\frac{18}{16} + \frac{43}{14} =$

$\frac{36}{24} + \frac{9}{11} =$

$\frac{43}{8} + \frac{48}{5} =$

$\frac{1}{7} + \frac{13}{17} =$

$\frac{4}{7} + \frac{33}{10} =$

$\frac{38}{8} + \frac{25}{9} =$

Add Fractions (A) Answers

Note to teacher: To be successful on this worksheet, students need to know how to find least common denominators/multiples, how to find equivalent fractions, how to change improper fractions to mixed numbers, and how to reduce fractions and mixed numbers to lowest terms. This worksheet includes all of those skills with difficult fractions (e.g. improper fractions with numerators up to 50 and denominators up to 25).

				Equivalent			Sum		Mixed			Reduced
$\frac{44}{20}$	+	$\frac{3}{9}$	=	$\frac{396}{180}$	+	$\frac{60}{180}$	= $\frac{456}{180}$	=	$2\frac{96}{180}$	=	$2\frac{8}{15}$	
$\frac{9}{17}$	+	$\frac{8}{6}$	=	$\frac{54}{102}$	+	$\frac{136}{102}$	= $\frac{190}{102}$	=	$1\frac{88}{102}$	=	$1\frac{44}{51}$	
$\frac{16}{19}$	+	$\frac{26}{3}$	=	$\frac{48}{57}$	+	$\frac{494}{57}$	= $\frac{542}{57}$	=	$9\frac{29}{57}$	=	$9\frac{29}{57}$	
$\frac{18}{16}$	+	$\frac{43}{14}$	=	$\frac{126}{112}$	+	$\frac{344}{112}$	= $\frac{470}{112}$	=	$4\frac{22}{112}$	=	$4\frac{11}{56}$	
$\frac{36}{24}$	+	$\frac{9}{11}$	=	$\frac{396}{264}$	+	$\frac{216}{264}$	= $\frac{612}{264}$	=	$2\frac{84}{264}$	=	$2\frac{7}{22}$	
$\frac{43}{8}$	+	$\frac{48}{5}$	=	$\frac{215}{40}$	+	$\frac{384}{40}$	= $\frac{599}{40}$	=	$14\frac{39}{40}$	=	$14\frac{39}{40}$	
$\frac{1}{7}$	+	$\frac{13}{17}$	=	$\frac{17}{119}$	+	$\frac{91}{119}$	= $\frac{108}{119}$	=	$\frac{108}{119}$	=	$\frac{108}{119}$	
$\frac{4}{7}$	+	$\frac{33}{10}$	=	$\frac{40}{70}$	+	$\frac{231}{70}$	= $\frac{271}{70}$	=	$3\frac{61}{70}$	=	$3\frac{61}{70}$	
$\frac{38}{8}$	+	$\frac{25}{9}$	=	$\frac{342}{72}$	+	$\frac{200}{72}$	= $\frac{542}{72}$	=	$7\frac{38}{72}$	=	$7\frac{19}{36}$	